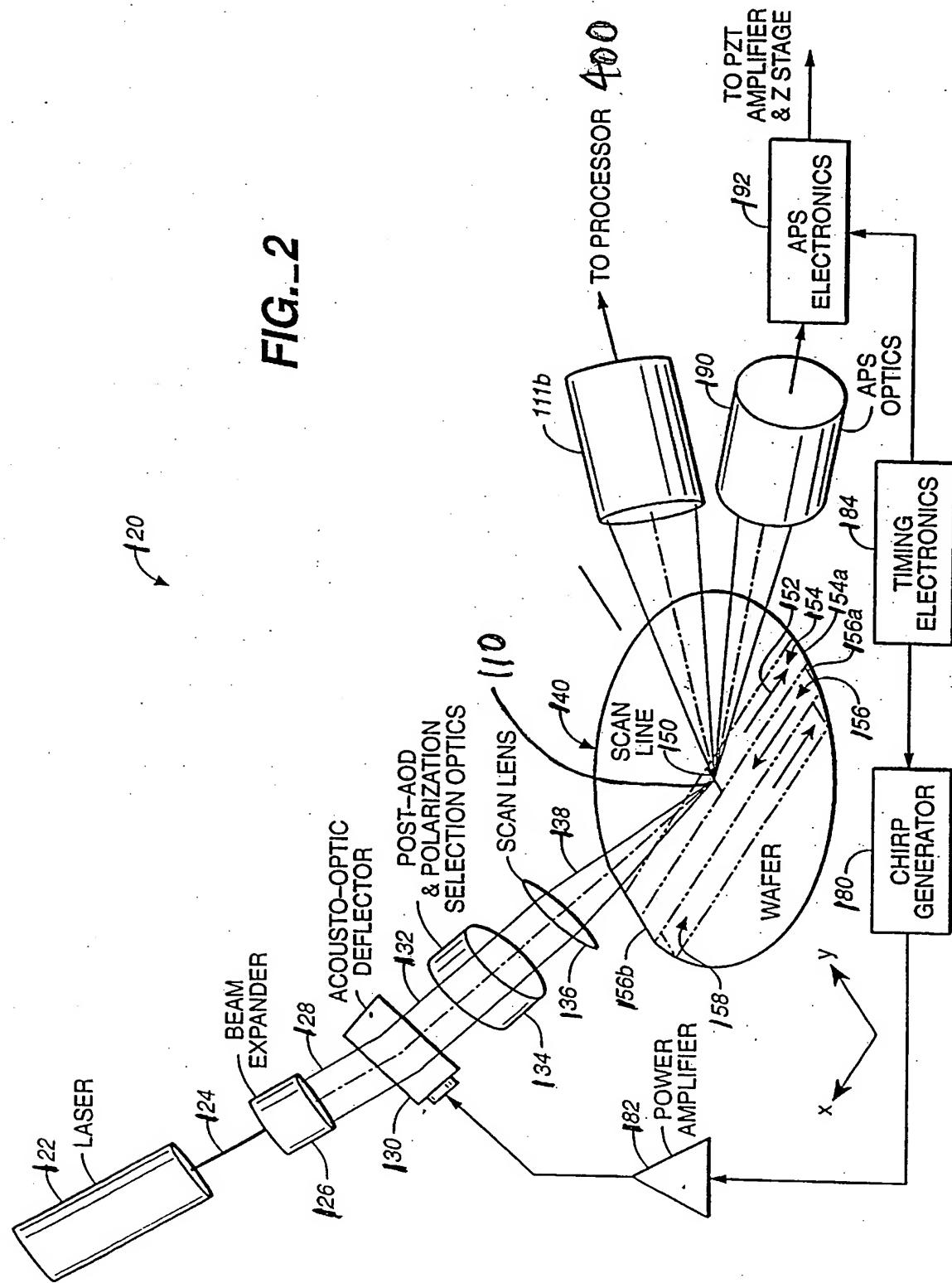


FIG. 1

FIG. 2



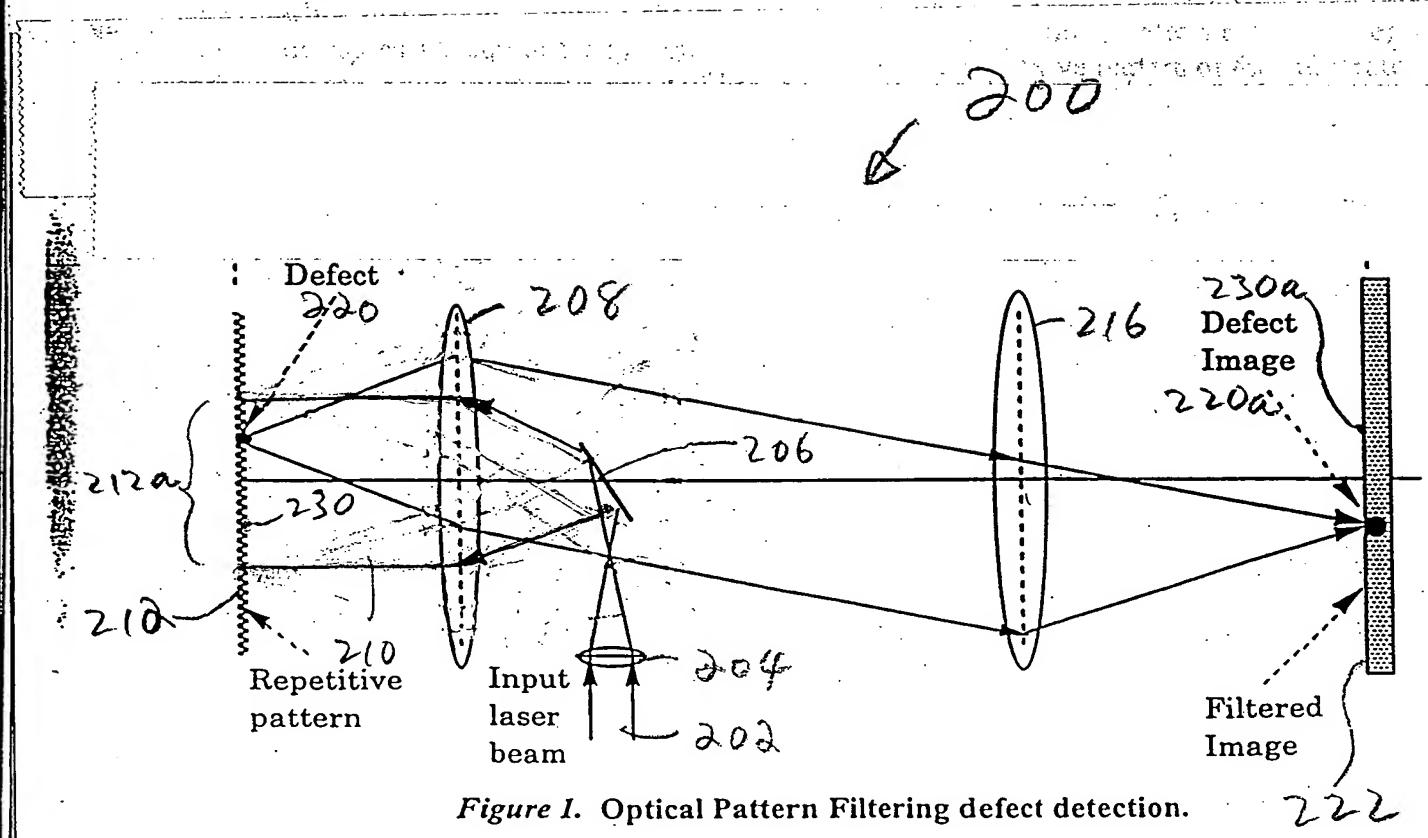


Figure 1. Optical Pattern Filtering defect detection.

F16.3

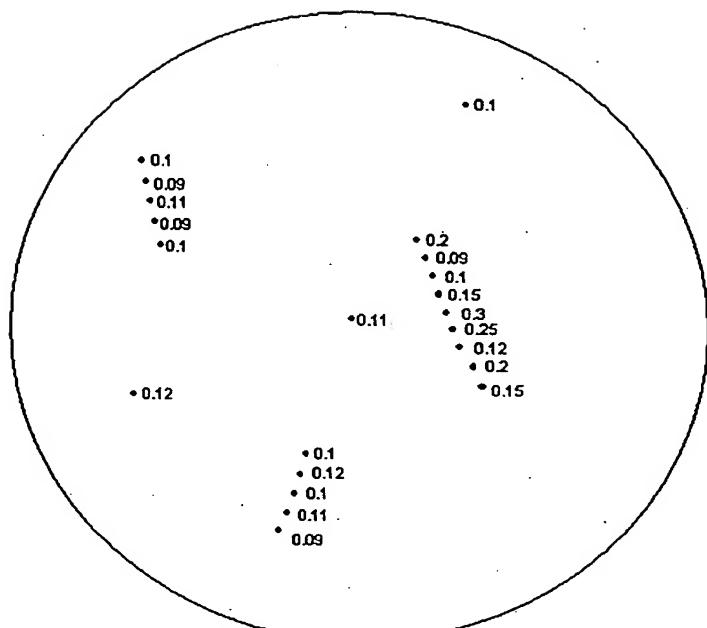


Fig. 4

Figure 2: Simulated distribution of defects after a scan. Size indicated in microns

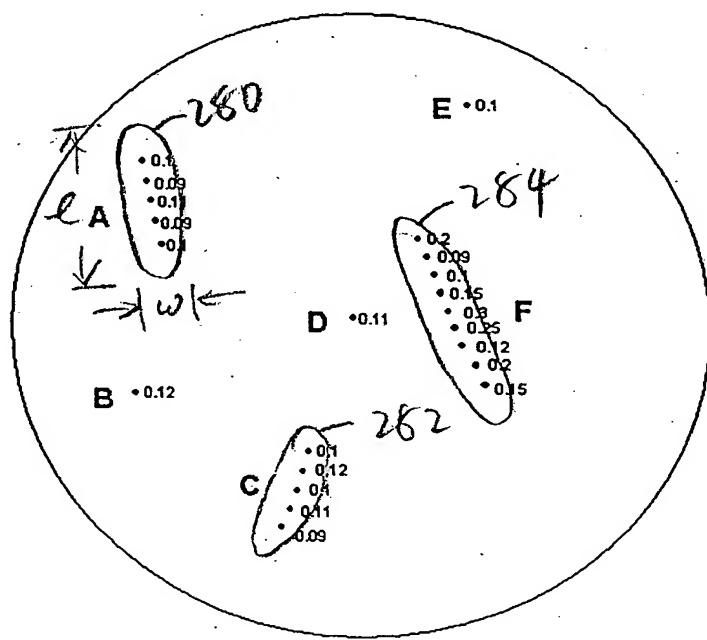


Figure 3: Initial clustering in microscratch algorithm

Fig. 5

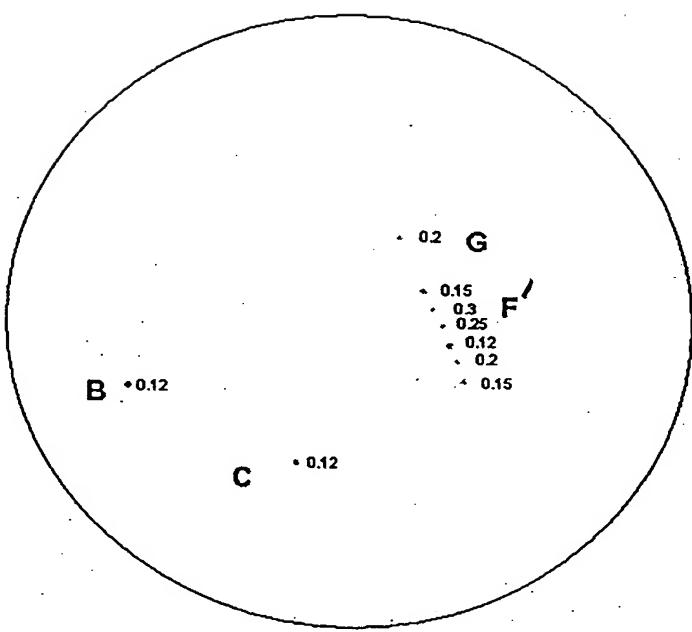


Figure 4: Final output of the microscratch algorithm.

FIG. 6

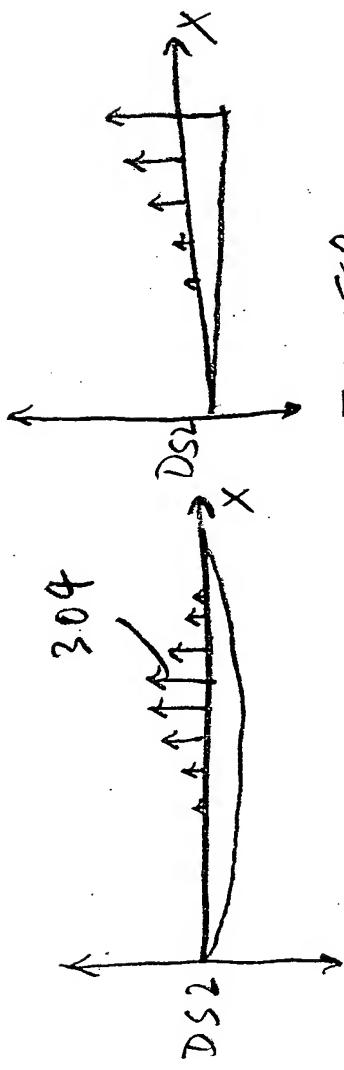


Fig. 8A
Fig. 8B

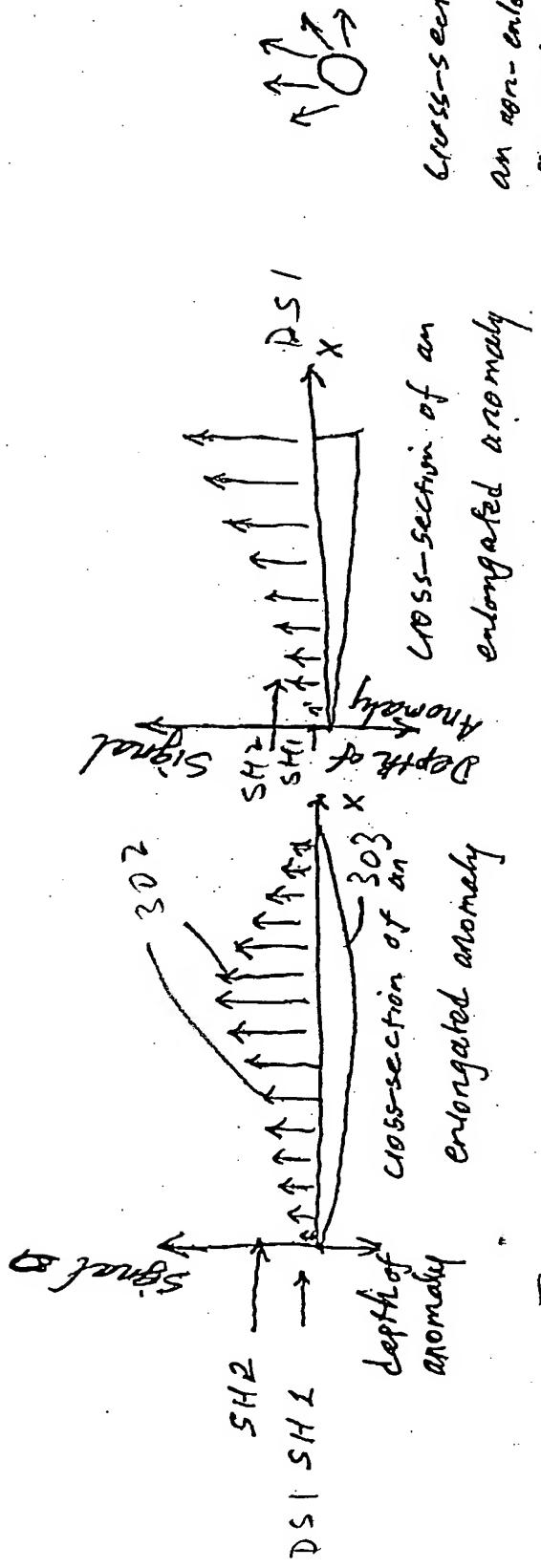


Fig. 7A

cross-section of an non-elongated anomaly.



Fig. 9

Fig. 7B

6

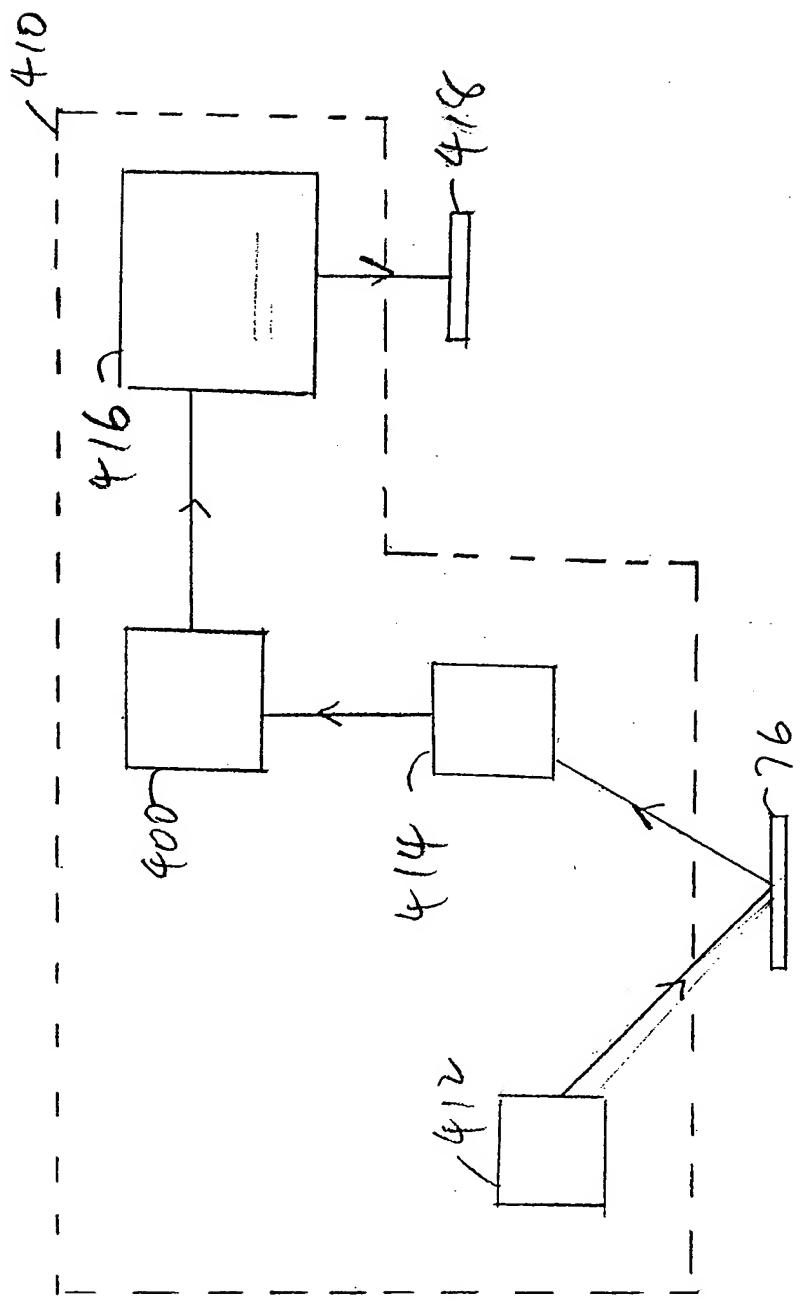


Fig. 10

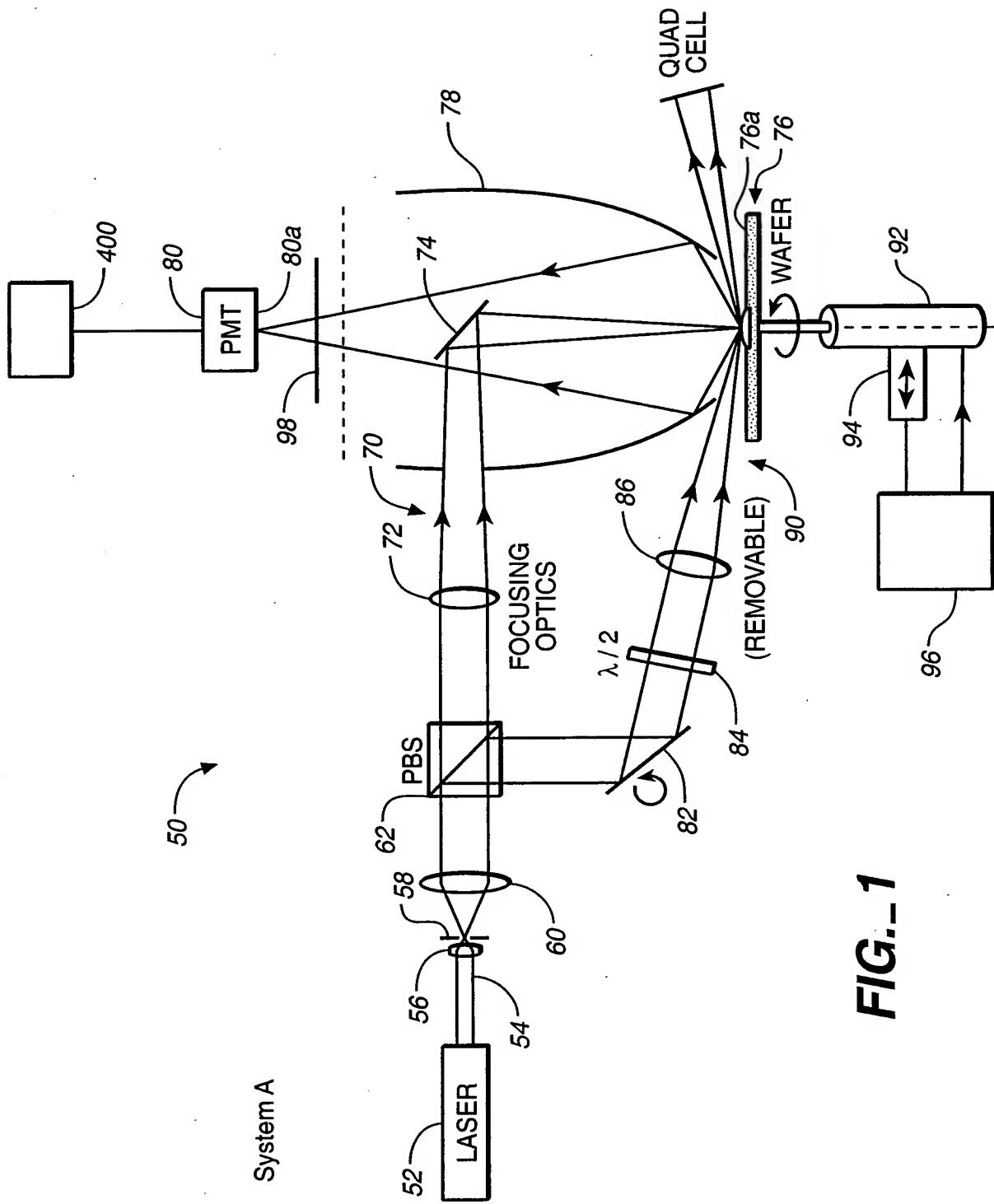
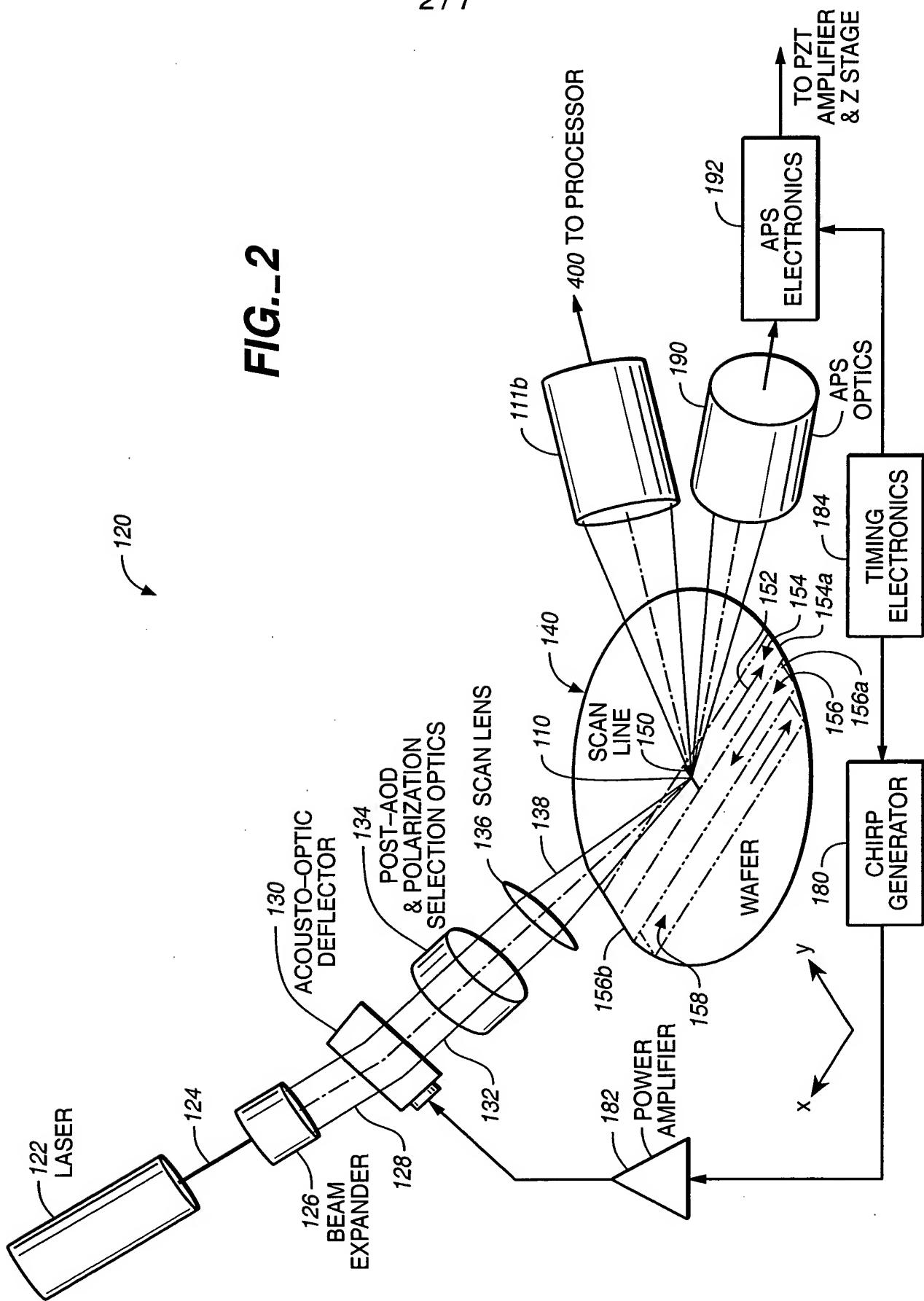
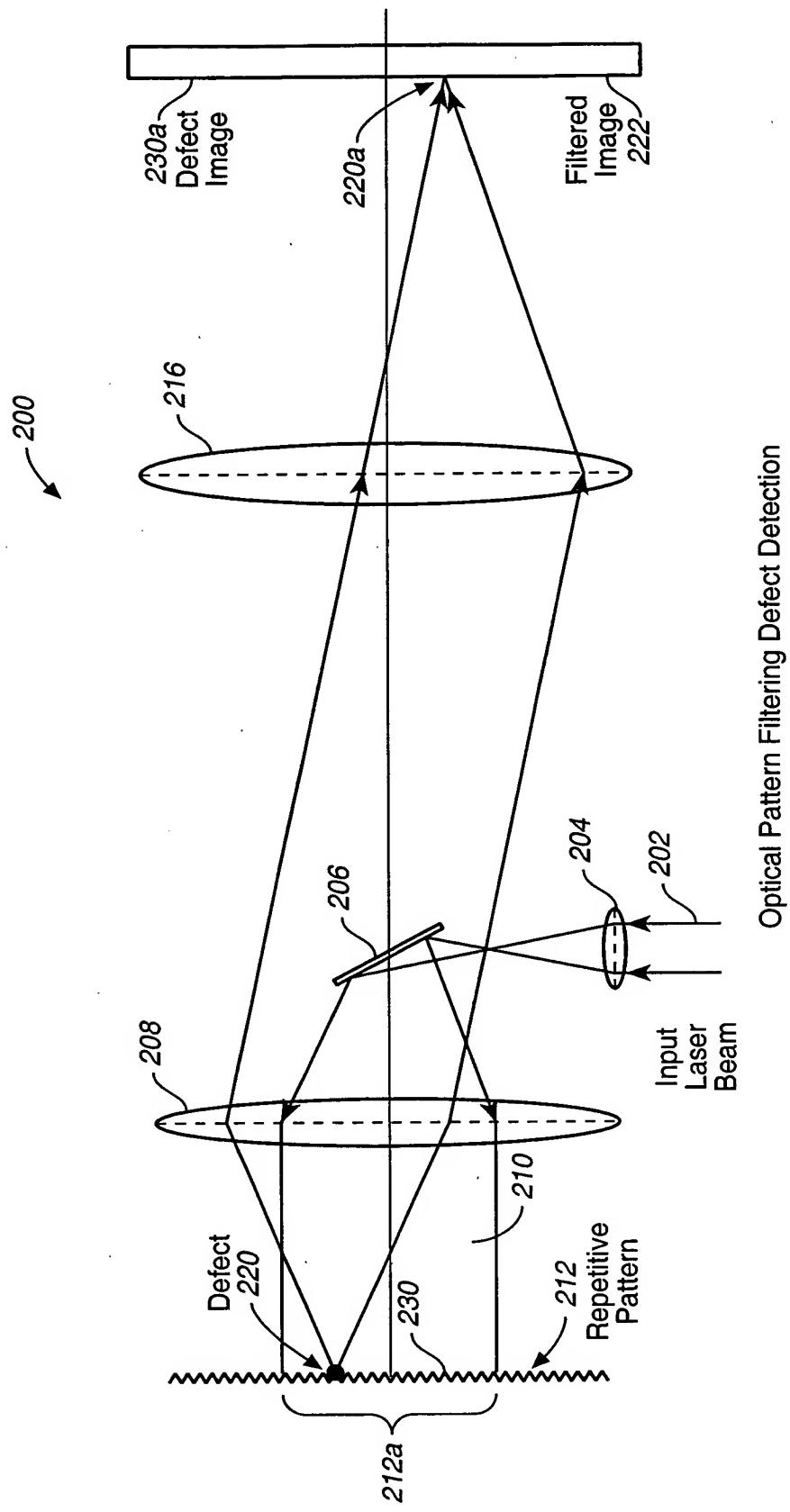


FIG.-1

FIG. 2



**FIG. 3**

Optical Pattern Filtering Defect Detection

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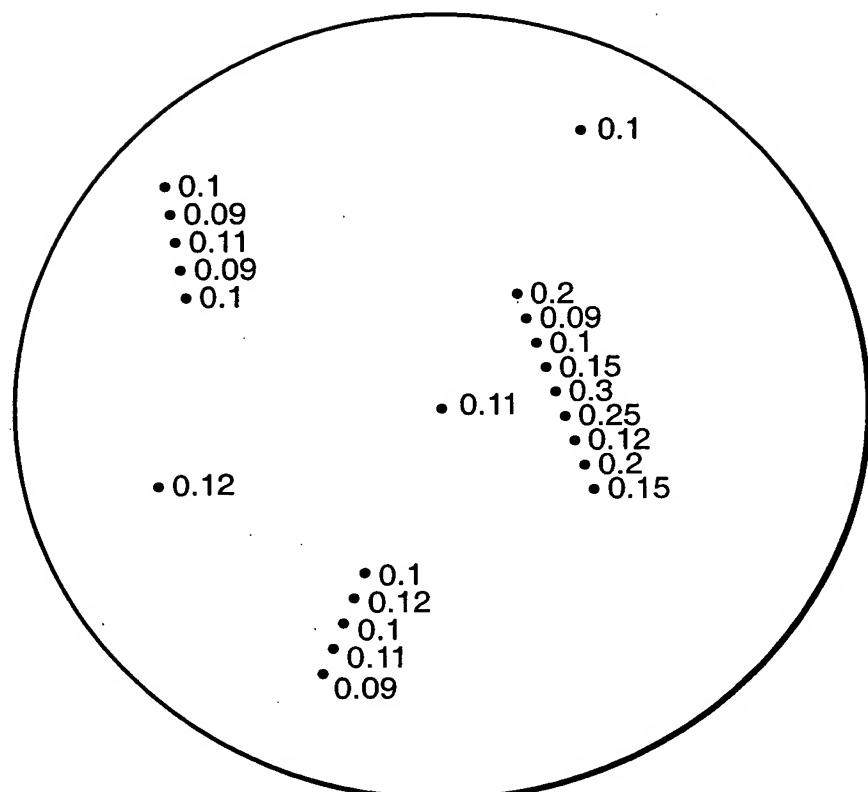


FIG._4 Simulated Distribution of Defects
After a Scan. Size Indicated in Microns

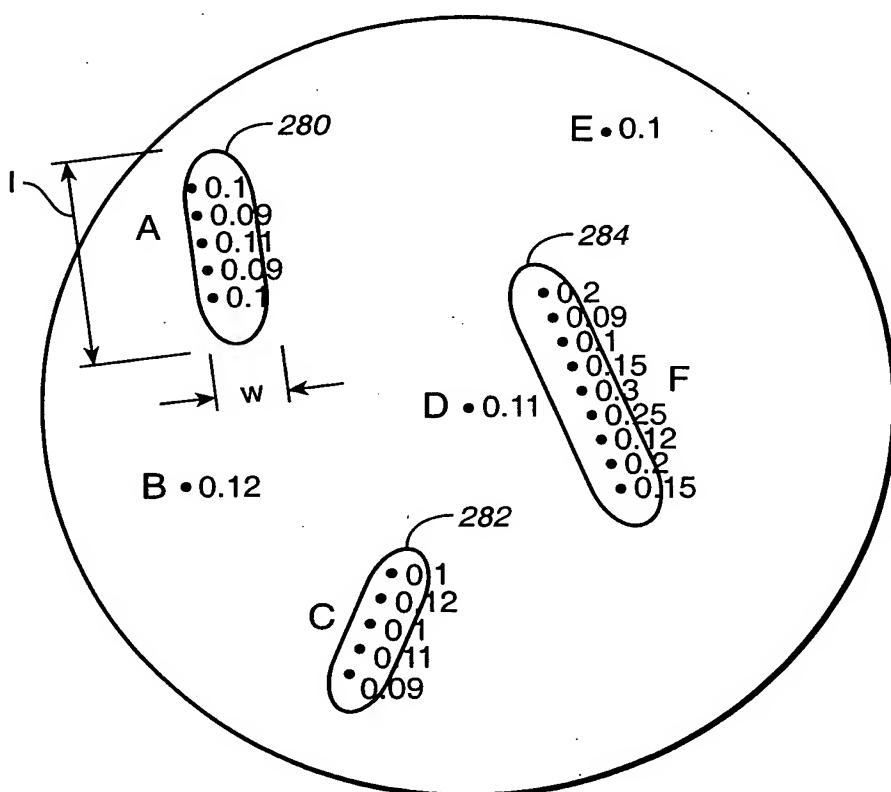
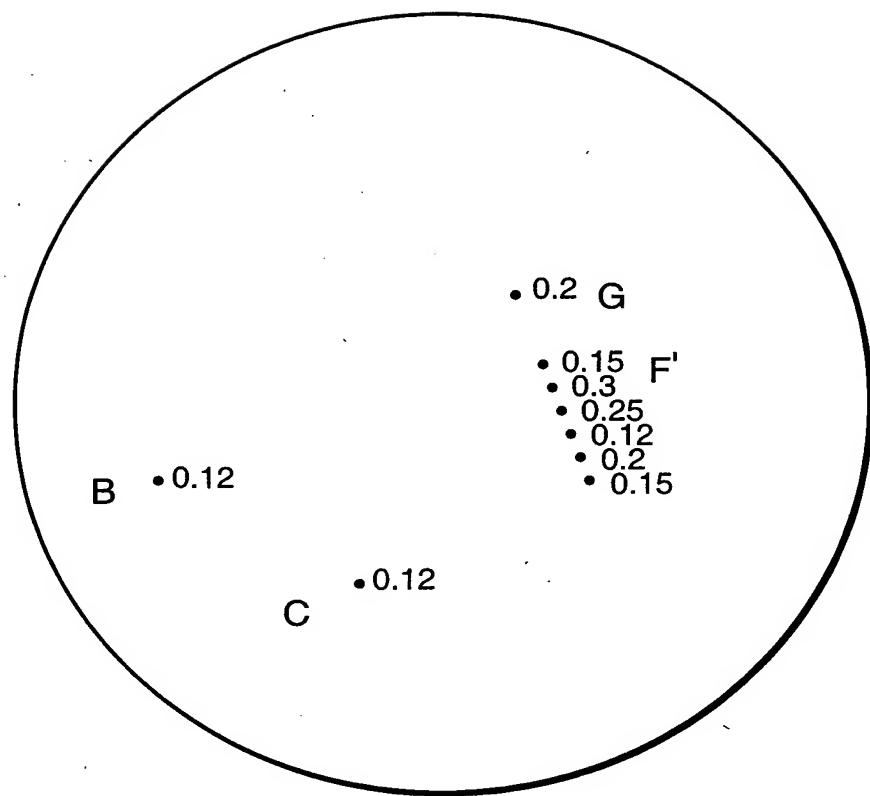


FIG._5 Initial Clustering in Microscratch Algorithm



Final Output of the Microscratch Algorithm

FIG._6

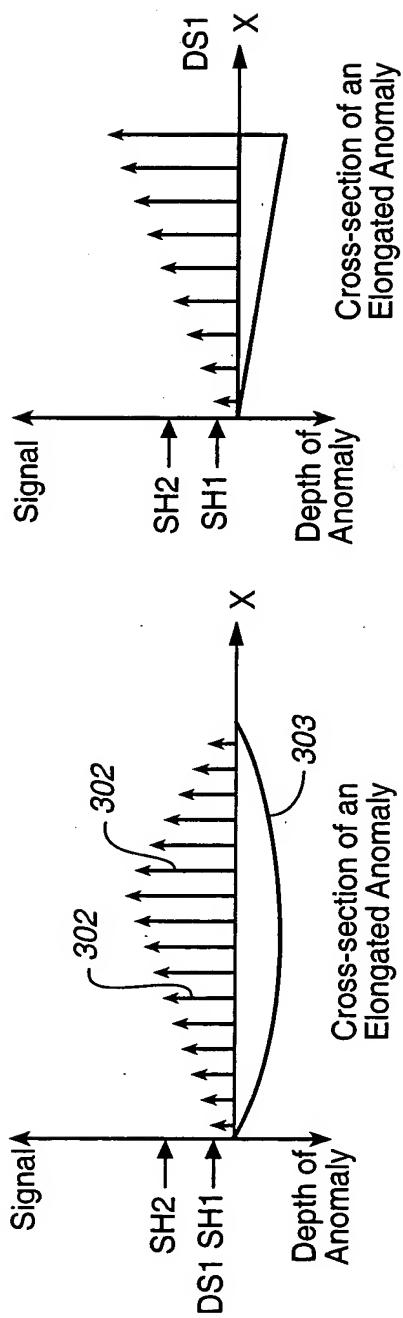


FIG.-7A

FIG.-7B

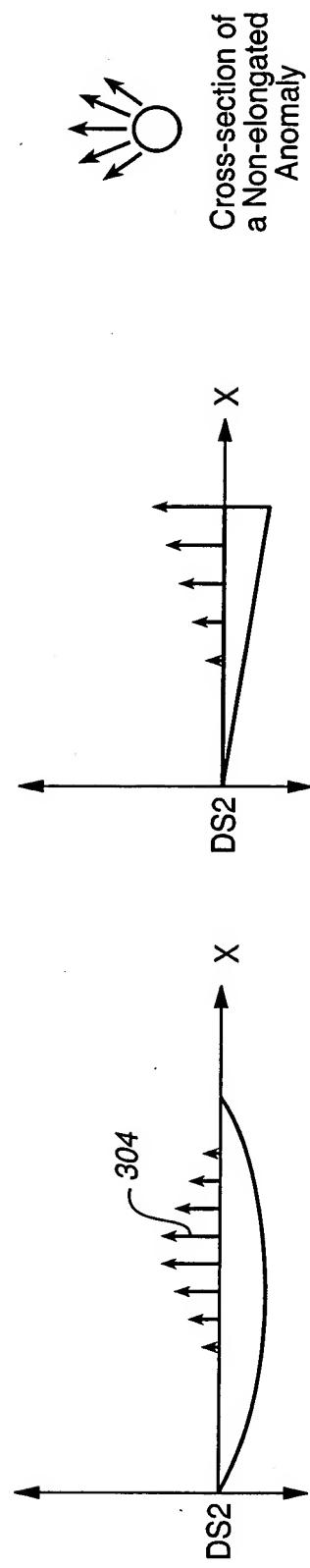


FIG.-9
FIG.-8B
FIG.-8A

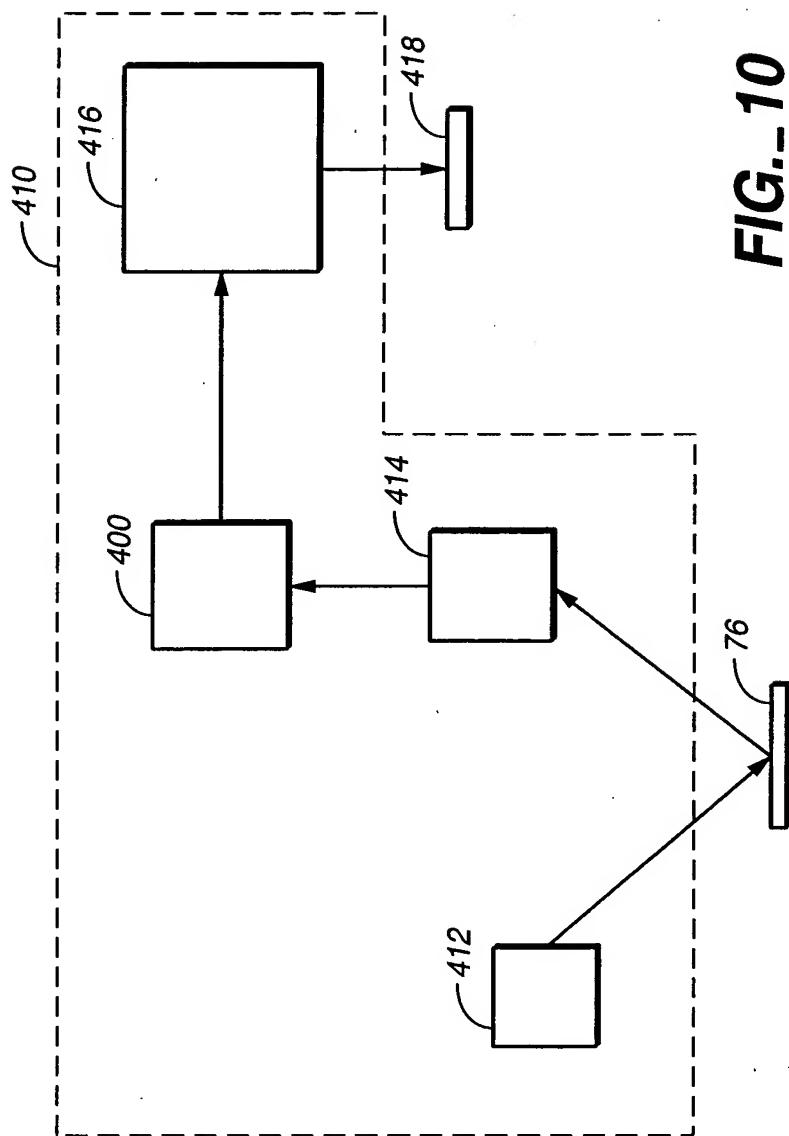


FIG.-10